



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.
09/048,838	03/27/98	JOHNSON	B 540113

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PM92/0914

EXAMINER

COMER, V

ART UNIT	PAPER NUMBER
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3644

12

DATE MAILED: 09/14/99

Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner of Patents and Trademarks

Office Action Summary

Application No.

09/048,838

Applicant(s)

Brian D. Johnson

Examiner

VAGNOLA K. COMER

Group Art Unit

3644

—The MAILING DATE of this communication appears on the cover sheet beneath the correspondence address—

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE three MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, such period shall, by default, expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).

Status

- ☒ Responsive to communication(s) filed on 06/25/99
- ☒ This action is **FINAL**.
- ☐ Since this application is in condition for allowance except for formal matters, **prosecution as to the merits is closed** in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11; 453 O.G. 213.

Disposition of Claims

- ☒ Claim(s) 1-17 is/are pending in the application.
- Of the above claim(s) 11-12 is/are withdrawn from consideration.
- ☐ Claim(s) _____ is/are allowed.
- ☒ Claim(s) 1-10 and 13-17 is/are rejected.
- ☐ Claim(s) _____ is/are objected to.
- ☐ Claim(s) _____ are subject to restriction or election requirement.

Application Papers

- ☒ See the attached Notice of Draftsperson's Patent Drawing Review, PTO-948.
- ☐ The proposed drawing correction, filed on _____ is ☐ approved ☐ disapproved.
- ☐ The drawing(s) filed on _____ is/are objected to by the Examiner.
- ☐ The specification is objected to by the Examiner.
- ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. § 119 (a)-(d)

- ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).
 - ☐ All ☐ Some* ☐ None of the CERTIFIED copies of the priority documents have been received.
 - ☐ received in Application No. (Series Code/Serial Number) _____
 - ☐ received in this national stage application from the International Bureau (PCT Rule 1.7.2(a)).

*Certified copies not received: _____

Attachment(s)

- ☐ Information Disclosure Statement(s), PTO-1449, Paper No(s). _____
- ☐ Interview Summary, PTO-413
- ☐ Notice of Reference(s) Cited, PTO-892
- ☐ Notice of Informal Patent Application, PTO-152
- ☒ Notice of Draftsperson's Patent Drawing Review, PTO-948
- ☐ Other _____

Office Action Summary

PETER M. POON
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 3600

Rm P
9/13/99

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DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless --

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 1-10 and 13-17 are rejected under 35 U.S.C. 102(b) as being anticipated by Williams et al.

Williams et al discloses an externally mounted aircraft fairing arrangement (10) for mounting on an aircraft wing that has a hingedly displaceable control surface comprising of a first (11) and second (12) fairing portion bridged over by an intermediate flexible seal arrangement (13) comprising of a plurality of slidably overlapping layers (16). Note the nylon or spring steel of the sheet element (16, 17) in Williams et al is readable as being "rubber-like" since they are flexible members. In column 2, lines 24-34, Williams et al discloses a flexible seal assembly comprising of a sheet element (16, 17) of rubber or rubber-like material having a plurality of reinforcing plies (16). The plies (16) are arranged such that they are staggered to ensure an uninterrupted sealing surface. It is well known in the art to utilize flexible material such as rubber or rubber-like material having buckle-reductive and low friction characteristics comprising of a plurality of plies placed in locations to achieve maximum tensile strength to

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prolong the life of the flexible seal arrangement in order to withstand the movement and displacement of the control surface. Therefore, since the Williams et al device is readable as exhibiting "rubber-like" properties, it is inherent that Williams et al does exhibit the above characteristics.

3. Applicant's arguments filed 25 June 1999 have been fully considered but they are not persuasive. Please note the above discussions.

4. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the mailing date of this final action.

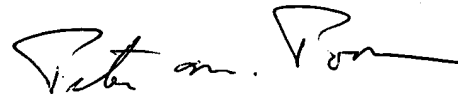
Conclusion

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Vagnola K. Comer at (703) 309-5960. The examiner can normally be reached on Monday to Friday from 0730 to 1700.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Peter Poon, can be reached on (703) 308-2574.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 306-4177.



PETER M. POON
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 3800

9/13/99

vk
13 September 1999